



Call for papers

NESTet is designed to facilitate an exchange of information and the sharing of best practice. It is an important networking opportunity for better co-ordination and collaboration between different stakeholders in nuclear education.

The NESTet Programme Committee is calling for papers regarding the following topics:

- **What are the needs with regard to nuclear education and training? How can we train for an effective safety culture?** Feed-back is thought from industry (operators, providers, suppliers, ..), regulators, safety authorities and research institutions on skills and profiles required to ensure an efficiently and safely performing nuclear sector.
While all levels are of interest, NESTet 2013 would particularly like to look at entry level skills needed across the nuclear sector. Another area of special interest is the need for 'nuclearisation' professions in construction and component manufacturing.
- **What are the answers that help to close the gap?** This is all about sharing best practice and examples of co-operation between different stakeholders and about training and education programmes that are able to cover needs.
The NESTet 2013 Programme Committee encourages joint presentations of academia and industry on successful partnerships that help bridging the gap between the learning and the training world.
- **How do organisations build the leadership team's capacity to successfully lead your organization and to improve performance?** How do they organise transformational change and culture change? How do they create an environment that is safe and supportive to explore and develop new ways of being and doing? How do they organise leadership training? How do they enable leaders to take the right decisions?
- **Where are efforts on harmonisation needed?** Harmonisation is part of effective strategies for nuclear education and training; it is also a pre-requisite for workforce mobility. Given the increasing globalisation of the nuclear sector the NESTet 2013 Programme Committee is in particular calling for initiatives on a European level and best practice examples that can be extended to an international context.
- **How to ensure that enough motivated workforce is available for the nuclear sector?** How to encourage skilled professionals with general engineering or project management competence to join the nuclear sector? How do you attract young professionals to the sector? How do you ensure skilled workforce in a context of a long-term-exit strategy? And last but not least: how did Fukushima influence the motivation to start a career in nuclear/enrol in nuclear related studies at Universities?



- **What are the experiences of countries with an emerging nuclear sector?**
How is training organised if a nuclear sector didn't exist before and when new build might still be some years away? What kind of international support is required? What are best practice examples that other countries can learn from?
- **What are the interactions between nuclear education and civil society?**
What role should societal aspects of nuclear play in the education of nuclear professionals? How far can nuclear education extend to key stakeholders in society?
- **What is the situation with regard to infrastructure and tools for nuclear education and training?** How can we overcome bottlenecks where the required infrastructure is not available in sufficient quantity and quality? How can collaboration, sharing of facilities and new emerging tools ensure the provision of the required infrastructure? What is the role and importance of experimental facilities? Has Fukushima forced to upgrade, change or improve nuclear training tools, training methods and training contents?
- The NESTet 2013 Programme Committee is furthermore looking for input to a **Young Generation Workshop on the use of new technologies for education and training.** Young professionals and students should provide their view on how they see the future of learning and training. How should training methods and tools evolve in order to adapt to the change of habits in media use? What role can virtual knowledge capture, long distance training, e-learning, simulators, virtual engineering and other media play?

The NESTet Programme Committee welcomes both oral and poster submissions. If you wish to share knowledge and best practice in nuclear education and training in science, engineering and technology, please submit your abstract by **31 March 2013** through the NESTet Abstract Submission System.

Important dates

Deadline for abstract submission: 31. March 2013

Notification of authors: 15 May 2013

Deadline for full paper submission: 18 October 2013

Deadline for submission of PowerPoint presentations: 31 October 2013

Conference: 17 – 21 November 2013

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